Local Phone: 203-575-9220

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MATERIAL SAFETY DATA SHEET

Business Hours: 8 am – 5 pm

Emergency Telephone
1-800-255-3924

==========SECTION I PRODUCT INFORMATION==========

PRODUCT NAME AND SYNONYMS: **WATER CUT OFF MASTIC**

Health	1
Flammability	2
Reactivity	0
Personal Protective Equip.	B

==========SECTION II HAZARDOUS INGREDIENTS==========

CHEMICAL NAME	CAS #	% BY WEIGHT	ACGIH TLV	OSHA PEL
Light Aliphatic Solvent Naphta	64742-47-8	2%-4%	300 ppm	500 ppm

==========SECTION III PHYSICAL AND CHEMICAL DATA==========

Appearance & Odor: Gray paste with aliphatic solvent naphtha odor
Physical State: Paste
Specific Gravity (water=1): 1.20-1.30
Percent Volatiles: <4
Vapor Pressure: 45 mm Hg @78ºF, 26ºC
Percent Solids (by weight): >96
VOC Content: 53 grams/liter=.44 lbs/gallon

Boiling Point: 240-285ºF
Evaporation Rater (ethyl ether=1): 9.2
Solubility in Water: 0.5%
Vapor Density (air=1): 3.8
Melting Point: NA

==========SECTION IV FIRE AND EXPLOSION HAZARD DATA==========

Flash Point: 52ºF Method Used: Tag closed cup

Flammable Limits: LEL: 0.9 UEL: 6.7

Proper Extinguishing Media: Foam, dry chemical or carbon dioxide. Water may be ineffective, but water should be used to keep fire-exposed containers cool.
Recommended Firefighting Procedures: Treat as a class "B" fire. Limit firefighting to those trained to do so. If a leak or spill has ignited, use water spray to dispense the vapors and to protect the men attempting to stop the leak. Minimize breathing gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Unusual Fire & Explosion Hazards: Vapors are heavier than air and may travel along the ground and be ignited by ignition sources distant from the handling point. Residue in "empty" containers may be explosive if exposed to an ignition source. To prevent fire or explosion from static accumulation and discharge, effectively ground the product transfer system.

==========SECTION V HEALTH HAZARD DATA==========

Medical Conditions Aggravated by Exposure: Pre-existing eye, skin and pulmonary disorders may be aggravated by exposure to this product.

Primary Route of Entry:	Skin absorption	Yes
	Inhalation	Yes
	Ingestion	Yes
	Eye Contact	Yes

Signs and Symptoms of Exposure:

Skin contact:	Can cause redness, irritation, defatting, and dermatitis. Prolonged inhalation of vapors may cause irritation of the respiratory tract. Intentional misuse by deliberately concentrating and inhaling vapor may be harmful or fatal.
Ingestion:	Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.
Eye contact:	Can cause severe irritation, redness, tearing, blurred vision.

Emergency and First Aid Procedures:

On skin:	Wash with soap and water: Get medical attention if irritation persists.
Inhaled:	Remove affected person to fresh air, give oxygen or artificial respiration as necessary to assist breathing. Get medical attention.
In eyes:	Flush with large amounts of water, frequently flushing under the lids. Seek medical attention,

Acute Effects of Overexposure: Irritation, redness
Chronic Effects: (Include all potential carcinogens present @ .1% or greater): None known.
Carcinogenicity: NTP? NO IARC Monographs? No OSHA regulated? No

==========SECTION VI REACTIVITY DATA==========

Stability: Stable
Conditions to Avoid: None known
Hazardous Decomposition Products: In the event of partial combustion, fumes, smoke, carbon monoxide, aldehydes and other decomposition products may be released.
Hazardous Polymerization: Will not occur
Incompatibility: None known

==========SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE==========

Ventilation: General exhaust as needed to keep TLV below recommended if engineering or administrative controls are not adequate.

Personal Protective Equipment:
Respirator: For large spills or entry into enclosed small spaces with inadequate ventilation, a pressure demand, self-contained breathing apparatus is recommended. If engineering or administrative controls are not adequate to maintain solvent TLV below recommended levels, an appropriate respirator should be used in conjunction with a respirator use and fit training program.
Gloves: Buna-N, if needed
Eye Protection: Safety glasses with side shields if needed.
Other Protective Clothing/Articles: To prevent repeated or prolonged skin contact, wear impervious clothing and boots if contact is likely.

Work/Hygienic Practices: Minimize breathing vapor. Avoid prolonged or repeated contact with the skin. Remove contaminated clothing and launder before reuse. Cleanse skin thoroughly after contact, before work breaks and meals and at the end of the workday. Product is readily removed from the skin with waterless hand cleaners followed by washing thoroughly with soap and water.

Steps To Be Taken in Case Material is Released or Spilled: Eliminate all ignition sources. Control the source of the spill if it is safe to do so. Ventilate enclosed areas to prevent vapor accumulation. Restrict access by unauthorized personnel. Absorb spilled product with vermiculite or other absorbent material. Shovel or scoop into a sealable container for disposal.

Waste Disposal Method: If this product becomes a waste, it is considered a hazardous waste due to its ignitability. Dispose of in accordance with local, state and federal environmental and waste regulations.

Storage and Handling Procedures: Do not store or handle near an ignition source. Keep containers closed. Effectively ground the product transfer system to prevent fire or explosion form static discharge. Empty containers may contain residual product. Do not reuse containers unless properly reconditioned.

==========SECTION VIII REGULATORY INFORMATION==========

All components are included in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory.
If this product becomes a waste, it meets the criteria of a hazardous waste as defined under RCRA 40CFR261: Ignitability
Hazardous Materials Identification System (HMIS):

Health Hazard Rating:	1 CAUTION Irritation or minor reversible injury possible
Flammability Hazard Rating:	2 CAUTION Material must be moderately heated before ignition will occur.
Reactivity Hazard Rating:	0 Normally stable and will not react with water.
Personal Protective Equipment:	B Safety glasses and gloves.

EPA SARA Title III hazard class (40CFR370): Acute Health Hazard
Chronic Health Hazard
Fire Hazard
EPA SARA Title III 313 (40CFR372): There are no listed toxic chemicals present in quantities greater than the *de minimis* level.
EPA SARA Title III (40CFR355): There are no components present in this product at a level which would require reporting.

Pennsylvania right-To-Know:
Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances):

Chemical Name	CAS#
Kaolin	1332-58-7
Naphtha VM&P	64742-47-8

Non-Hazardous Substances at a concentration of 3% or more:

Chemical Name	CAS #
Calcium Carbonate	471-34-1
Paraffinic Petroleum Distillate	64742-62-7
Quaternary Ammonium Montmorillonite	68953-58-2
Polybutene	9003-29-6
Amorphous Polypropylene	9003-07-0

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):
This product contains no listed substances, which the State of California has found to cause cancer, birth defects, or other reproductive harm, in a form which would require a warning under the statute.

==========SECTION IX PREPARATION INFORMATION==========

DISCLAIMER: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. Prepared By: 2001 Inc.